

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-10 (Canceled).

1 11. (Currently amended) A hybrid riser configuration having a submerged
2 tower comprising a plurality of riser pipes substantially inserted in guide conduits, and also
3 having buoyancy means ~~and tethering tension~~ acting as tower tensioning means, the riser pipes
4 and guide conduits being connected to a base anchored to the ocean floor, wherein a plurality of
5 the guide conduits are acting as multiple tethers, each guide conduit further acting as a radial
6 constraint in elastic spiral deformation of the riser pipe inside, wherein during tow-out and
7 installation, the guide conduits provide necessary buoyancy to make the riser configuration,
8 except the base and buoyancy means, nearly neutrally buoyant.

1 12. (Previously presented) A hybrid riser configuration according to claim 11,
2 wherein the riser pipes and guide conduits are rigidly connected both to the base and the
3 buoyancy means of the riser configuration.

1 13. (Previously presented) A hybrid riser configuration according to claim 11,
2 wherein the material of the guide conduits comprises aluminium or a similar light metal.

1 14. (Previously presented) A hybrid riser configuration according to claim 11,
2 wherein the riser configuration is protected by sacrificial anodes.

1 Claim 15 (Canceled).

1 16. (Previously presented) A hybrid riser configuration according to claim 12,
2 wherein the material of the guide conduits comprises aluminium or a similar light metal.

1 17. (Previously presented) A hybrid riser configuration according to claim 12,
2 wherein the riser configuration is protected by sacrificial anodes.

1 18. (Previously presented) A hybrid riser configuration according to claim 12,
2 wherein during tow-out and installation, the guide conduits provide necessary buoyancy to make
3 the riser configuration, except the base and buoyancy means, near neutrally buoyant.

1 19. (Previously presented) A hybrid riser configuration according to claim 13,
2 wherein the riser configuration is protected by sacrificial anodes.

1 20. (Previously presented) A hybrid riser configuration according to claim 13,
2 wherein during tow-out and installation, the guide conduits provide necessary buoyancy to make
3 the riser configuration, except the base and buoyancy means, near neutrally buoyant.

1 21. (Currently amended) A method for installing a riser configuration having
2 a submerged tower comprising a plurality of riser pipes substantially inserted in guide conduits
3 and also having a buoyancy tank and gravity base connected by said riser pipes and guide
4 conduits, comprising the steps of:

5 - fabricating a bundle of guide conduits and riser pipes on a roller bed or rail
6 bed from which it can be launched,

7 - connecting the buoyancy tank and gravity base to opposite ends of said
8 bundle,

9 - sealing at least a plurality of the guide conduits and riser pipes of the
10 bundle,

11 - launching the resultant structure and connecting the buoyancy tank and
12 gravity base ends of the structure to respective towing vessels via towing wires,

13 - flooding the buoyancy tank to provide it with substantial negative
14 buoyancy so that both the tank and the base will act as clump weights,

15 - towing the structure to the offshore location for its installation as a sub-
16 surface tow while maintaining sufficient angle and tension in the towing wires to maintain
17 substantial tension in the pipe bundle,
18 - lowering the base end of the structure by paying out the towing wire
19 connected to the base,
20 - permitting water to enter the spaces formed between the riser pipes and
21 their respective guide conduit when the base has reached a predetermined depth in order to limit
22 the differential pressure across the wall of the guide conduits,
23 - continuing to lower[[ing]] the base end of the structure until the structure
24 is perpendicular and suspended from the towing wire connected to the buoyancy tank, and
25 - lowering the structure to allow the base to penetrate the bottom mud-line
26 and anchoring the base to the ocean floor, and removing the water ballast and towing wire from
27 the buoyancy tank, thus providing tension in the guide conduits.

1 22. (Previously presented) A method according to claim 21, wherein a motion
2 compensating system is employed in the towing wire between the buoyancy tank and surface
3 vessel.

1 23. (Previously presented) A method according to clam 21, wherein the guide
2 conduits are fabricated by welding together sections of aluminium pipe using friction stir
3 welding.

1 24. (Previously presented) A method according to claim 21, wherein said
2 guide conduits are made by joining sections of aluminium pipe which are made with a
3 longitudinal seam welded by means of friction stir welding.

1 25. (Previously presented) A method according to claim 21, wherein at least
2 some of the annular spaces between the riser pipers and the corresponding guide conduits are
3 filled with a gel after expelling any water having entered said spaces during installation of the
4 structure.

1 26. (Previously presented) A method according to claim 22, wherein the
2 guide conduits are fabricated by welding together sections of aluminium pipe using friction stir
3 welding.

1 27. (Previously presented) A method according to claim 22, wherein said
2 guide conduits are made by joining sections of aluminium pipe which are made with a
3 longitudinal seam welded by means of friction stir welding.

1 28. (Previously presented) A method according to claim 22, wherein at least
2 some of the annular spaces between the riser pipes and the corresponding guide conduits are
3 filled with a gel after expelling any water having entered said spaces during installation of the
4 structure.

1 29. (Previously presented) A method according to claim 23, wherein said
2 guide conduits are made by joining sections of aluminium pipe which are made with a
3 longitudinal seam welded by means of friction stir welding.

1 30. (Previously presented) A method according to claim 23, wherein at least
2 some of the annular spaces between the riser pipes and the corresponding guide conduits are
3 filled with a gel after expelling any water having entered said spaces during installation of the
4 structure.